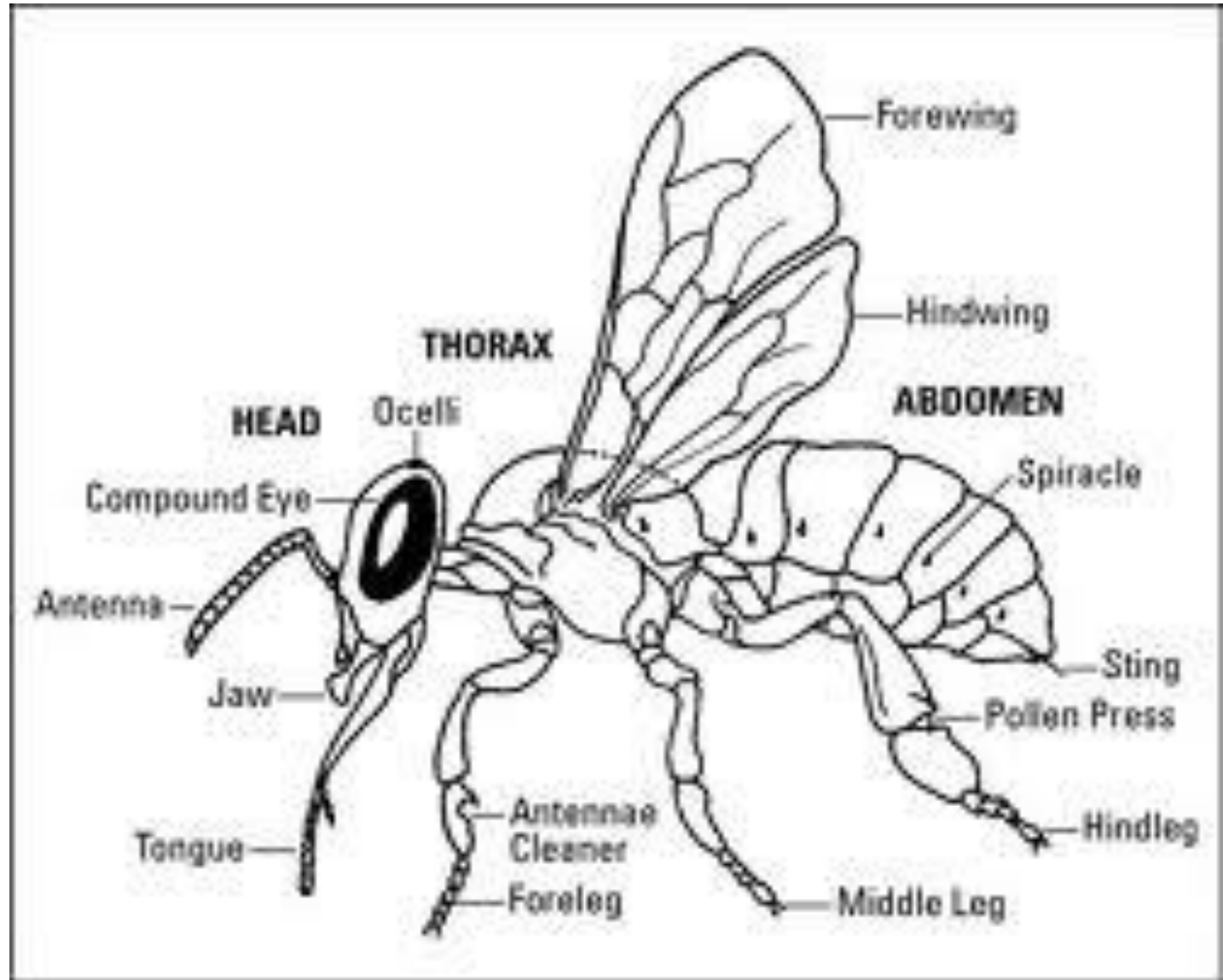


# BEE BIOLOGY

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Brent Sarchet  
Intro to Beekeeping  
Helena College - Spring 2015

# Basic Bee Body Parts



# Three Castes of Honey Bees

honeybee  
(*Apis mellifera*)



worker



queen



drone

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# Three Castes of Honey Bees





# Queen Bee

- Heart and soul of the colony
- Only bee with fully developed ovaries
- Duties: lay eggs and hive unity
- 1,500 eggs a day



## Drone Bee

- Only male in hive
- High maintenance
- Duty: to mate; die after mating
- Kicked out of the hive in the fall
- No stinger





## Worker Bee

- Majority of hive's population
- Underdeveloped females
- Duties: build comb, ventilate hive, gather pollen and nectar, rear brood, defend the colony



